

RAWMARSH URBAN DISTRICT COUNCIL

Annual Report of the Medical Officer of Health for the year ending
-----31st December, 1946-----

To the Chairman and Members of the Rawmarsh U.D. Council.

Madam and Gentlemen,

I have the honour to present my report on the health of the Rawmarsh Urban District for the year ended 31st December, 1946.

General Statistics:

Area of the District...	...	...	...	...	...	2,607 acres
Resident Population mid-1946 (Registrar General's estimate)						18,250.
No. of inhabited houses, end of 1946	...	...	...	...		4,940.
Rateable Value	...	...	...	...	...	£115,569.
Reduced Rateable Value owing to operation of Local Government Act, and de-rating...	...	...	...	...	£	76,558.
Product of a Penny Rate	...	...	...	...	£	291.

Vital Statistics:

			Total.	Male.	Female.
Live Births: -	Legitimate	...	373	198	175
	Illegitimate	...	<u>13</u>	<u>9</u>	<u>4</u>
			<u>386</u>	<u>207</u>	<u>179</u>

BIRTH RATE per 1,000 of estimated resident population 21.14.

Still Births:	Legitimate	...	16	10	6
	Illegitimate	...	<u>--</u>	<u>--</u>	<u>--</u>
			<u>16</u>	<u>10</u>	<u>6</u>

Rate per 1,000 total (live & Still) Births ... 39.80

DEATH RATE per 1,000 of estimated resident population ... 9.75

Deaths from Puerperal Causes:

Puerperal Sepsis	...	...	...	...	Nil.
Other Maternal causes	...	...	...	...	Nil.

Infantile Mortality; Death Rate of Infants under 1 year of age:

Legitimate infants per 1,000 legitimate live births.....	42.89
Illegitimate infants per 1,000 illegitimate live births.....	Nil.
All infants per 1,000 live births.....	41.45

Causes of Infantile Death:

	Total.	Male.	Female.
Prematurity...	6	4	2
Broncho-Pneumonia...	1	-	1
Infantile Diarrhoea.	2	1	1
Congenital Malformation...	1	-	1
Convulsions...	1	1	-
Marasmus	2	-	2
Asphyxia of new born	2	1	1
Asphyxia (accidental)	<u>1</u>	<u>1</u>	<u>-</u>
	<u>16</u>	<u>8</u>	<u>8</u>

AGES AT DEATH UNDER ONE YEAR

	Under 1 wk.	1-2 wks.	2-3 wks.	3-4 wks.	4-5 mts.	5-6 mts.	6-9 mts.	9-12 mts.
Prematurity...	6	-	-	-	-	-	-	-
Broncho-Pneumonia...	-	-	-	-	-	-	1	-
Infantile Diarrhoea.	-	-	1	-	-	-	1	-
Congenital malformation ..	-	-	-	-	-	-	1	-
Convulsions ...	-	-	-	-	1	-	-	-
Marasmus .	-	1	1	-	-	-	-	-
Asphyxia (new born).	2	-	-	-	-	-	-	-
Asphyxia (accidental)	-	-	-	-	1	-	-	-
	8	1	2	-	2	-	3	-

CAUSES OF DEATH								Male.	Female.
Typhoid...	...	...	...	...	...	...	...	-	-
Cerebro-Spinal Fever .	...	...	...	...	...	...	...	-	-
Scarlet Fever...	...	...	...	...	...	...	...	-	-
Whooping Cough..	...	...	...	...	...	...	...	-	-
Diphtheria.....	...	...	...	...	...	...	...	-	-
Tuberculosis (Respiratory) ..	...	...	...	...	...	...	...	8	5
Other Tuberculosis ...	...	...	...	...	...	...	...	-	-
Syphilitic Diseases ..	...	...	...	...	...	...	...	-	-
Influenza.....	...	...	...	...	...	...	...	-	1
Measles.....	...	...	...	...	...	...	...	-	-
Acute Poliomyelitis ..	...	...	...	...	...	...	...	-	-
Acute Encephalitis....	...	...	...	...	...	...	...	-	-
Cancer: Bucal Cavity	...	...	...	...	...	...	...	-	-
Uterus ....	...	...	...	...	...	...	...	-	-
Stomach and Duodenum	...	...	...	...	...	...	...	3	4
Breast ....	...	...	...	...	...	...	...	-	3
Other sites. ...	...	...	...	...	...	...	...	3	5
Diabetes. ....	...	...	...	...	...	...	...	1	6
Intracranial Vascular Lesions	...	...	...	...	...	...	...	11	6
Heart Disease.....	...	...	...	...	...	...	...	17	18
Other circulatory diseases..	...	...	...	...	...	...	...	10	1
Bronchitis .....	...	...	...	...	...	...	...	7	5
Pneumonia.....	...	...	...	...	...	...	...	3	2
Other respiratory Disease...	...	...	...	...	...	...	...	1	1
Ulcer of Stomach or Duodenum	...	...	...	...	...	...	...	-	-
Diarrhoea (under 2 years of age) ..	...	...	...	...	...	...	...	1	1
Appendicitis...	...	...	...	...	...	...	...	-	-
Other digestive disease ...	...	...	...	...	...	...	...	-	-
Nephritis...	...	...	...	...	...	...	...	-	4
Puerperal or Post Abortive Sepsis.	...	...	...	...	...	...	...	-	-
Other Maternal Causes ...	...	...	...	...	...	...	...	-	-
Premature Birth...	...	...	...	...	...	...	...	4	2
Conrenital Malformation and Infantile Disease	...	...	...	...	...	...	...	2	4
Suicide ...	...	...	...	...	...	...	...	2	-
Road Traffic Accident..	...	...	...	...	...	...	...	-	-
Other violent causes...	...	...	...	...	...	...	...	6	1
All other causes.....	...	...	...	...	...	...	...	17	16
All causes.....								96	82
CANCER: Average age at death								61.00	56.75
Organs affected:									
Stomach.....								3	4
Intestines.....								1	1
Breast								-	3
Brain								1	1
Other organs.....								1	3

Age Distribution of deaths due to Cancer : Male. Female. Total.

Age at Death:

Under 25 years	...	...	...	...	-	1	1
25 - 35 "	...	...	...	...	-	-	-
35 - 45 "	...	...	...	...	-	1	1
45 - 55 "	...	...	...	...	1	1	2
55 - 65 "	...	...	...	...	2	4	6
Over 65 "	...	...	...	...	3	5	8
					<u>6</u>	<u>12</u>	<u>18</u>

INFECTIOUS DISEASES

Number of cases originally notified during the year ended 31st. Dec. 1943, and of final numbers according to age and sex after correction.

Originally Notified:	Scarlet Fever		Whooping Cough		Measles.		Diphtheria		Acute Poliomyel.		Acute Polioenceph.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Civilians	8	13	8	9	6	1	3	5	-	-	-	-
Non-Civns.	-	-	-	-	-	-	-	1	-	-	-	-

FINAL NOS.

Age	0-	-	-	2	2	1	-	-	-	-	-	-
	1-	1	-	4	4	3	1	-	-	-	-	-
	3-	1	2	1	3	2	-	1	-	-	-	-
	5-	4	5	1	-	-	-	-	-	-	-	-
	10-	2	3	-	-	-	-	1	-	-	-	-
	15-	-	2	-	-	-	-	1	1	-	-	-
	25 & over	-	1	-	-	-	-	1	2	-	-	-

Total: Civns.	8	13	8	9	6	1	3	4	-	-	-	-
Non-Civns.	-	-	-	-	-	-	-	-	-	-	-	-

Originally Notified:	Pneu- monia.		Erysip- elas		Cerebro- Spinal Fever.		Enteric, Typhoid, or Para- Typhoid.		Acute Enceph. Loth.		Dysent- ery.		Small. Pox.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Civilians	9	1	3	1	1	1	-	-	-	-	-	-	-	-
Non-Civns.	-	-	-	-	-	-	-	-	-	-	-	-	-	-

FINAL NOS.

Age	0-	-	-	-	-	1	-	-	-	-	-	-	-	-
	5-	1	-	-	-	-	-	-	-	-	-	-	-	-
	15-	3	1	2	-	1	-	-	-	-	-	-	-	-
	45-	4	-	1	1	-	-	-	-	-	-	-	-	-
	65 & over	1	-	-	-	-	-	-	-	-	-	-	-	-

Tot. Civns.	9	1	3	1	1	1	-	-	-	-	-	-	-	-
Tot. Non-Civ.	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Other Notifiable Diseases:

	CIVILIANS.		NON-CIVILIANS	
	Originally notified.	Final Nos.	Originally notified	Final Nos.
Puerperal Pyrexia...	-	1	-	1
Ophthalmia Neonatorum	-	-	-	-
Malaria (Contracted in Eng- land and Wales)...	-	-	-	-

INFECTIOUS DISEASES:ANALYSIS OF CASES BY WARDS

		North.	Rose-	Central.	East.	West.	South.
		-----	hill.	-----	-----	-----	-----
Scarlet Fever...	...	2	4	1	5	5	4
Pneumonia.	...	3	1	2	1	-	3
Whooping Cough..	...	4	3	6	2	1	1
Diphtheria	...	3	-	1	2	1	-
Erysipelas	...	1	-	1	2	-	-
Measles...	...	4	-	1	-	-	1
Cerebro Spinal Fever..	-	-	-	-	1	-	1
Puerperal Pyrexia.....	-	-	-	-	-	-	1
Totals ...	...	17	3	12	13	7	12

T U B E R C U L O S I S

New Cases and mortality figures for the year ended 31st December 1946.

NEW CASESDEATHS

Age:	Respiratory. Non-respiratory.				Respiratory. Non-respiratory.			
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
0-	-	-	-	-	-	-	-	-
1-	-	-	-	-	-	-	-	-
5-	-	-	1	-	-	-	-	-
15-	-	4	-	-	1	2	-	-
25-	-	-	-	-	-	1	-	-
35-	1	-	-	1	3	2	-	-
45-	-	-	-	-	3	-	-	-
55-	1	-	-	-	1	-	-	-
65 & over.	-	-	-	-	-	-	-	-
Totals.	2	4	1	1	8	5	-	-

ANALYSIS OF NEW CASES BY WARDS:

	North.		Rosehill.		Central.		East.		West.		South.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Respiratory...	1	1	-	2	1	-	-	-	-	-	-	1
Non-respiratory	-	-	-	-	1	-	-	1	-	-	-	-
Totals...	1	1	-	2	2	-	-	1	-	-	-	1


DIPHTHERIA IMMUNISATION:

Immunisations have been carried out throughout the year privately by Medical Practitioners (by arrangement with the West Riding County Council). All schools in the district have been visited for the purpose of immunising children whose parents had signified their willingness for this to be done.

VENEREAL DISEASES:

Posters have been exhibited throughout the district, on hoardings, and in public conveniences etc.

INFESTATION: Owners and tenants of infested premises are advised as to methods of disinfestation. Sprayers and powder blowers are provided on loan. Regular applications of Gammexane throughout the summer months, have helped in preventing the breeding of crickets.



Digitized by the Internet Archive
in 2018 with funding from
Wellcome Library

<https://archive.org/details/b30030304>

Birth Rates, Civilian Death rates, Analysis of Mortality, Maternal Mortality and case rates for certain Infectious diseases in the year 1946. Provisional figures, based on Weekly and Quarterly Returns.

	England and Wales	126 C.B.'s & great towns including London.	148 smaller towns. Resident populn. 25000-50000 1931 census.	London Admin. County	Rawmarsh U.D.C.
--	-------------------	--	--	----------------------	-----------------

	Rates per 1,000 Civilian Population.				
Live Births...	19.1/	22.2	21.3	21.5	19.1
Still Births..	0.55/	0.67	0.59	0.54	0.87

Deaths:

All causes....	11.5 /	12.7	11.7	12.7	9.75
Typhoid & Paratyphoid	0.00	0.00	0.00	0.00	0.00
Scarlet Fever ..	0.00	0.00	0.00	0.00	0.00
Whooping Cough..	0.02	0.02	0.02	0.02	0.00
Diphtheria...	0.01	0.01	0.01	0.01	0.00
Influenza	0.15	0.13	0.14	0.12	0.05
Smallpox	0.00	0.00	0.00	-	-
Measles.....	0.00	0.01	0.00	0.01	-

Rates per 1,000 Live Births.

Deaths under 1 year.	43 /	46	37	41	41.45
Deaths from Diarrhoea & Enteritis under 2 yrs.	4.4	6.1	2.8	5.2	5.1

- A dash(-) signifies that there were no deaths.
 / Per 1,000 related births.
 / Rates per 1,000 total population.

Notifications:	Rates per 1,000 Civilian Population: -				
Typhoid Fever.....	0.01	0.01	0.01	0.01	-
Paratyphoid Fever.....	0.02	0.02	0.01	0.01	-
Cerebro Spinal Fever...	0.05	0.05	0.04	0.06	0.11
Scarlet Fever.....	1.38	1.51	1.33	1.42	1.15
Whooping Cough.....	2.28	2.48	2.05	2.22	0.93
Diphtheria.....	0.28	0.32	0.31	0.24	0.58
Erysipelas.....	0.22	0.25	0.22	0.27	0.22
Small pox.....	0.00	0.00	0.00	0.00	-
Measles.....	3.92	4.73	3.70	7.35	2.38
Pneumonia.....	0.89	1.02	0.74	0.75	0.55

Rates per 1,000 Total Births (Live & Still):-

(a) Notifications: -					
Puerperal Fever.....)	8.50	10.35	7.63	1.62	
Pue rperal Pyrexia....)				/ 9.68	2.13

(b) Maternal Mortality in England & Wales: -		Rawmarsh U.D.C.
No. 140: Abortion with Sepsis	0.13	-
No. 141: Abortion without Sepsis	0.06	-
No. 147: Puerperal Infections..	0.18	-
Nos. 142-6, 148-150. Other...	1.06	-

Abortion: - Mortality per million women aged 15 - 45:		
No. 140: With Sepsis.....	11.	-
No. 141: Without Sepsis.....	5	-

/ Including Puerperal Fever.

W A T E R

Water Engineer's Report:

The bulk supply of water received into the district from Sheffield via Rotherham during the year ending 31st December 1946 amounts to 265.964 million gallons and shows an increase of 7.65% over the previous year's consumption.

The quantity of water supplied through meters reached a record figure of 98.812 million gallons leaving a difference of 167.152 million gallons to be accounted for, to meet waste and domestic requirements which amounts to approximately 24.7 gallons per day per head of population and exceeds the previous year's figure by one gallon per head per day.

Compared with the figures of the foregoing year it is satisfactory to note a measure of stability has taken place so far as domestic usage is concerned, and to some degree confirms the improved stability of water pressures throughout the district, when compared with the indifferent conditions experienced in previous years.

The same high standard of supervision and care has been taken to ensure the wholesomeness of the water supply throughout the district, the following being a typical analysis of the regular tests taken from time to time: -

Physical Characteristics.				Chemical Analysis	
-----				-----	
				Parts per 100,000	
Suspended matter...	...	None			
Appearance....	...	Faintly Yellowish.	Hardness (temporary)	2.0	
Taste...	...	Normal.	(permanent)	1.5	
Odour...	...	None.	Total Solids (dry at		
pH value..	...	6.8.	180°C.....	8.5	
Free Chlorine (Pts/Million)		0.06.	Nitrites...	None	
Poisonous metals (lead &c.)		None.	Nitrates as N.....	0.04	
			Am. Nitrogen	0.001	
			Alb. Nitrogen.....	0.0053.	

Bacteriological Examination.

Bacillus coli (MacConkey's Bile Salt Lactone Broth) per ml,..... 0.
Bacteria (Colonies/mil. on Agar) 3 days at 22°C.....63.
48 hrs. at 37°C..... 2.

Remarks: - Satisfactory both chemically and bacteriologically.

All the houses in the district are supplied directly from the public mains with the exception of eight outlying cottages.

FACTORIES ACT 1937. During the year regular inspections were made of factories and workshops and in four cases it was found necessary to serve notices upon the occupiers concerned. Additional W.C. accommodation was provided in two cases, improved light and ventilation in one case and repairs of floors and wall were effected in another. The requirements as to cleansing of bakehouses &c. were complied with. Registers of factories and workplaces are kept by the Local Authority.

C. W. A. LISTER, M.B., Ch.B.,
Medical Officer of Health.

